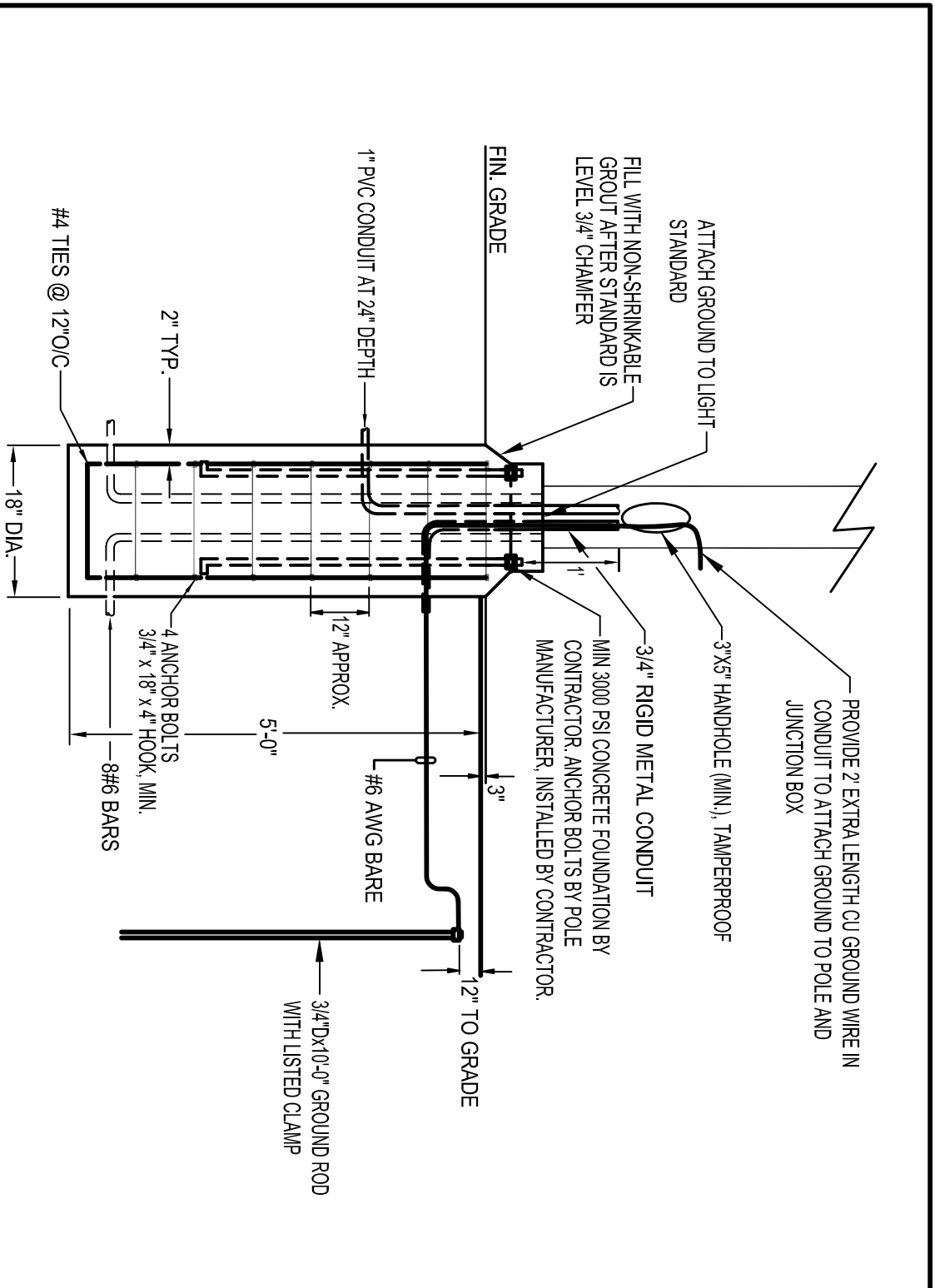
	N.	REVISION	DA
	APPENDIX #1		5/12/20

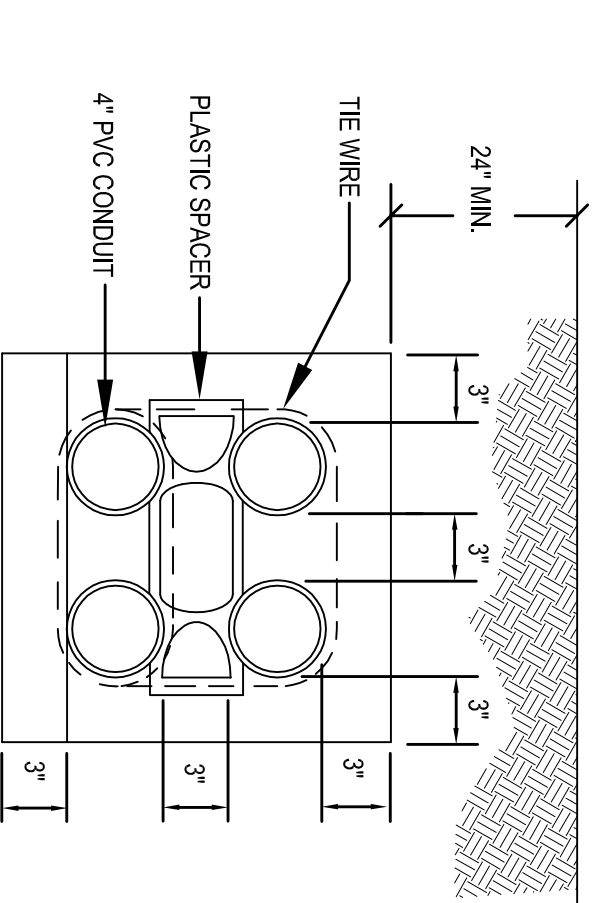
**Loudoun
Youth
Shelter**

Additions & Renovations



POLE BASE GROUNDING DETAIL

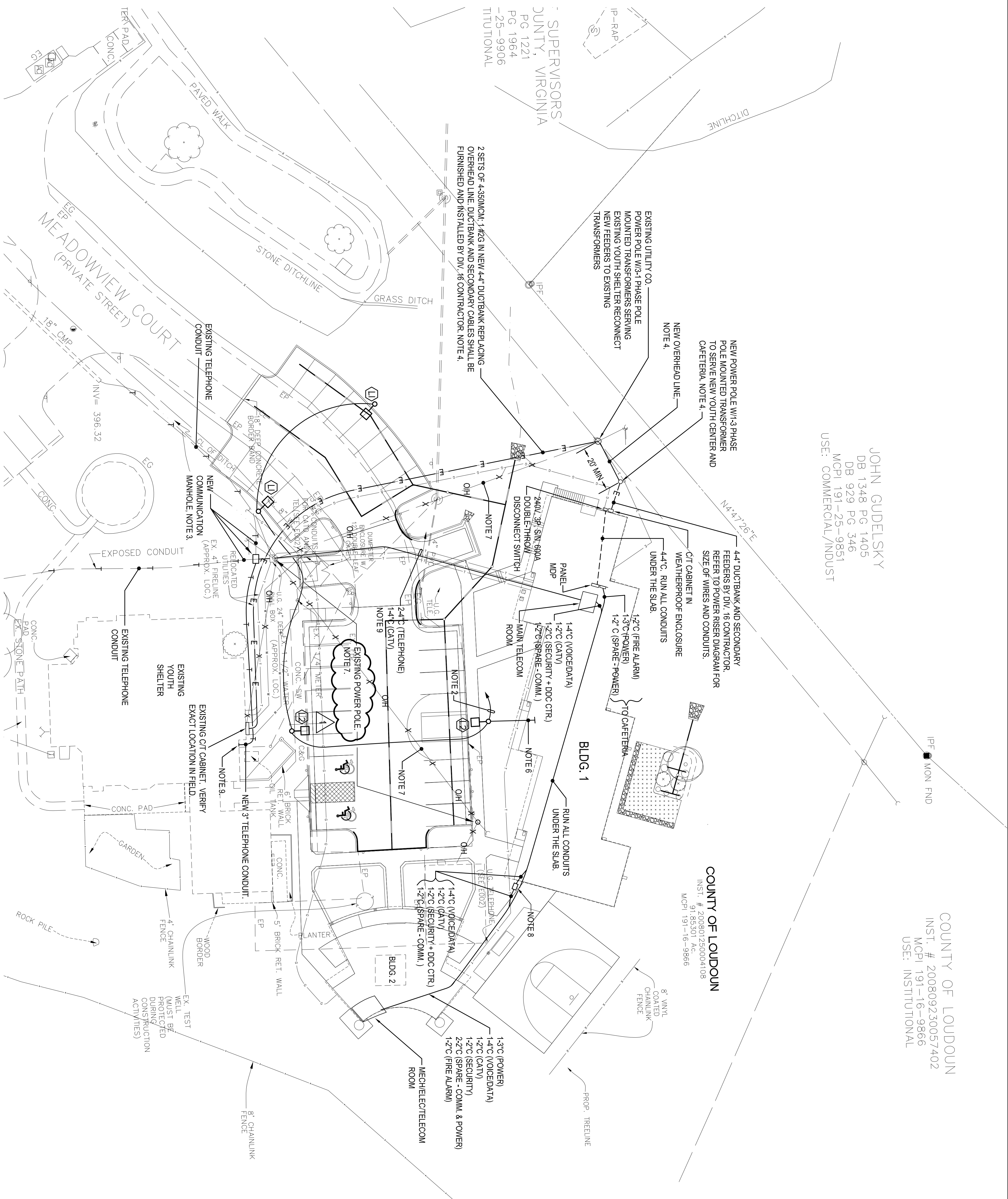
SCALE: NTS



1. CONCRETE SHALL BE 3,000 P.S.I. @ 28 DAYS OR AS SPECIFIED.
2. NON-FERROUS TIE WIRES TO BE IMBEDDED IN DUCT BED CONCRETE

4 - WAY DUCTBANK DETAIL

SCALE: NTS



GENERAL NOTES:

1. USE AWG60 CONDUCTORS FOR ALL SITE LIGHTING BRANCH CIRCUITS. AT EACH POLE #12 AWG60 CONDUCTORS MAY BE USED TO RUN FROM THE BASE TO THE PICTURE.
2. RUN SITE LIGHTING CIRCUIT VIA THE LOCK AND PHOTOCELL.
3. NEW 24" X 36" X 24" (D) SOLID BOTTOM COMMUNICATION HANDHOLE (AS MANUFACTURED BY QUAZITE OR EQUAL), INTERCEPT EXISTING SYSTEM CONDUITS, WHICH ARE CURRENTLY INSTALLED AT THE POWER POLE AND RECONNECT THEM TO THE NEW HANDHOLE. ALL SCOPE OF WORK, SEQUENCE OF INSTALLATIONS, ETC., SHALL BE COORDINATED WITH SPECIALTY COMMUNICATION CONTRACTOR, WHICH WILL BE RESPONSIBLE FOR TERMINATING THE END OF CONDUIT OF BRANCH CIRCUITS.
4. ALL WORK ASSOCIATED WITH ELECTRICAL SERVICE INCLUDING ALL MEDIUM VOLTAGE CONNECTIONS, OVERHEAD LINE, POLES AND POLE MOUNTED TRANSFORMERS, SECONDARY DISTRIBUTION, AND ALL ASSOCIATED WORK AND CONNECTIONS SHALL BE PART OF CONTRACTOR SCOPE OF WORK FOR A COMPLETE FUNCTIONAL SYSTEM PER ALL CODE REQUIREMENTS. THE MEDIUM VOLTAGE SYSTEMS OWNED AND MAINTAINED AND MUST MEET ALL CODE DESIGN AND INSTALLATION STANDARDS. ALL THIRD PARTY DESIGNERS, INSTALLERS, AND INSPECTORS MUST BE APPROVED BY NOVEC. COORDINATE WITH NOVEC FOR EXACT REQUIREMENTS. RAYMOND MARSHALL 703-669-6063 (RAYMARSHALL@NOVEC.COM). ALTERNATE CONTACT IS BENEE BAHR 703-392-1604 (RBBAHR@NOVEC.COM).
5. REFER TO ACCESS SECURITY SYSTEM DRAWINGS FOR LOCATIONS OF BUILDING AND POLE MOUNTED CCTV CAMERAS AND PROVIDE ROUGH-IN IN ACCORDANCE WITH DETAILS SHOWN ON THE SAME DRAWINGS.
6. INSTALL 1" C. FROM POLE MOUNTED CCTV CAMERA TO ACCESSIBLE CEILING SPACE IN BLDG. 1. (SEE SECURITY SYSTEM DRAWINGS)
7. AFTER NEW DUTY BANK AND FEEDERS TO EXISTING YOUTH SHELTER ARE INSTALLED, REMOVE EXISTING OVERHEAD LINE INCLUDING WIRES, POWER POLE, GUY WIRE, ETC.
8. NEW 24" X 24" X 24" (D) SOLID BOTTOM COMMUNICATIONS HANDHOLE AS MANUFACTURED BY QUAZITE.
9. TERMINATE NEW TELEPHONE CONDUITS AT THE TELEPHONE ENTRANCE EQUIPMENT IN THE MAIN TELEPHONE ROOM. COORDINATE CONDUIT ROUTING, BUILDING PENETRATION AND FINAL LOCATION WITH THE OWNER.
10. GENERAL CONTRACTOR IS RESPONSIBLE FOR CONNECTING COMCAST CATV WIRING INSIDE THE COMMUNICATION HANDHOLE TO CONNECT COMCAST WIRES.

ELECTRICAL SITE PLAN

1":20

